

Title (en)

ACTIVE IMPLANTABLE MEDICAL DEVICE COMPRISING A CONNECTOR-FREE CAPSULE, PERMANENTLY CONNECTED TO A MICROPROBE

Title (de)

AKTIVE IMPLANTIERBARE MEDIZINISCHE VORRICHTUNG, DIE EINE KAPSEL OHNE ANSCHLUSS UMFASST, DIE PERMANENT MIT EINER MIKROSONDE VERBUNDEN IST

Title (fr)

DISPOSITIF MÉDICAL IMPLANTABLE ACTIF COMPRENANT UNE CAPSULE DÉPOURVUE DE CONNECTEUR, RELIÉE DE FAÇON PERMANENTE À UNE MICROSONDE

Publication

EP 3069755 B1 20171025 (FR)

Application

EP 16155619 A 20160215

Priority

FR 1552211 A 20150318

Abstract (en)

[origin: US2016271404A1] The device comprises a sealed body housing electronic circuits, and extending from said body, a microlead comprising microcables connected to remote electrodes. The device has no connector between the microlead and the electronic circuits. Each microcable is permanently connected to its pole by connection means. The connection means comprises an insulating base hermetically crossed by feedthrough pins, a support for the base, conductive connection parts each comprising a first passage for a microcable and a second passage for a feedthrough pin, an insulating guiding and holding part mounted on the support and locked thereon. The guiding and holding part having cavities for the connection parts, each cavity opening in its bottom on a passage wherein a pin projects. The device also includes a transition and protection element encapsulating the guiding and holding part, the connection parts and the adjoining regions of the microcables.

IPC 8 full level

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CPC (source: EP US)

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